

CHAPTER 9.1: Respiration Overview

1. Define the following terms:

a. autotroph _____

b. heterotrophs _____

c. digestion _____

d. catabolism _____

e. aerobic respiration _____

f. anaerobic respiration _____

g. fermentation _____

2. How does ATP drive endergonic reactions? How does ATP function in "coupled reactions"?

3. Define each of the following:

a. oxidation _____

b. reduction _____

4. What are the roles of NAD^+ & FAD^{+2} in respiration?

5. List the four stages of cellular respiration (indicate whether or not O_2 is used in each stage):

a. _____

b. _____

c. _____

d. _____